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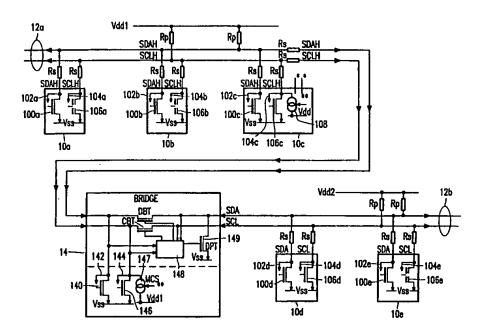
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(54) Title: COMMUNICATIONS BUS USING DIFFERENT TRANSMISSION RATES



(57) Abstract

A communication bus is split into two sections. When a station connected to one section indicates that it wishes to exchange a message at higher than normal speed via one section, a bridge station isolates the two sections, interrupting transfer of the content part of the message to the other section, and substitutes a dummy content part in the message on the other section.

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A. CLASS	SIFICATION OF SUBJECT MATTER						
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B. FIELD	OS SEARCHED						
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Category*	Citation of document, with indication, where ap	propriate, of the relevant	passages	Relevant to claim No.			
A		t Abstracts of Japan, Vol 15,No 121, E-1049 bstract of JP 64-143545 A (NEC COMMUN SYST LTD), 7 January 1991 (17.01.91)					
P,A	 WO 9722184 A2 (PHILIPS ELECTRON) 19 June 1997 (19.06.97), abs	1-11					
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Information on patent family members

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Pr cited	Patent document cited in search report		Publication date	Patent family member(s)			Publication date	
WO	9722184	A2	19/06/97	AU AU EP	7530796 PN704795 0808530	A D A	19/06/97 00/00/00 26/11/97	_